

The Terminal boosts and advances Richmond, directly increasing your property values.

RICHMOND TERMINAL

The Terminal is the oldest newspaper in Richmond and has the confidence and support of pioneers.

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RICHMOND, CALIFORNIA, FRIDAY, NOVEMBER 23, 1928

No. 47

January Session of Legislature Announced

Amendments Galore to Occupy Time of Salons

Sacramento, Nov. 23.—The first part of the extra session of the legislature will be taken up by the counsel bureau, 117 bills and constitutional amendments having been drafted and requests for 50 more are on file. Of the amendments submitted, three related to civil codes and nine were amendments to the penal code; two to the code of civil procedure, 17 to the political code; 10 new sections and repeal of one section of the general laws, besides 37 amendments, 31 new acts and one repeal.

91st Division Chief Retires From Service

San Francisco, Nov. 23.—Ernest Smith, chief of staff of the first reserve area and the 91st division, stationed at the Presidio of San Francisco, has retired. Walter H. Johnson, formerly in command of the 13th infantry is to succeed him. Col. Smith was graduated from West Point with General Pershing and General Buller.

Elected 17th Time

Martin J. Gordon was re-elected secretary-treasurer of Sequoia Div. No. 412, O. R. G., at the recent election of officers. Secretary Gordon has served this order 17 years, which is proof of his popularity with the railroad boys.

Europe is reducing the size of automobiles to meet traffic requirements, the average power of the small cars being 7 h.p. The popularity of the diminutive car is to be found in low consumption of gas and oil, small tax, handy in traffic, and economy in garage floor space. The small auto has caught on in Paris, Berlin and other large cities in Europe. American car manufacturers are beginning to take notice.

The estate of the late John G. Regello was valued at more than \$10,000.

Richmond's Council Refuses Park Offer

Richmond city council turned down the \$45,000 30-day option to purchase East Shore park, offered for sale by the Key System. The council contended that the price was too high, and that the purchase would have to be submitted to the voters, as the amount would require a bond issue and a two-thirds vote.

Ninety-First to Erect Fine Memorial

San Francisco, Nov. 23.—Approval has been given to the handsome memorial to the 91st Wild West Division to be erected at Camp Lewis, Washington, by the 91st Division association, according to advice received by State Commander Frank N. Belgrano Jr., of the American Legion from Washington. California contributed thousands of men to the division which trained at Camp Lewis. The monument will become the property of the United States upon its completion.

Famous San Rafael Hotel Site Sold

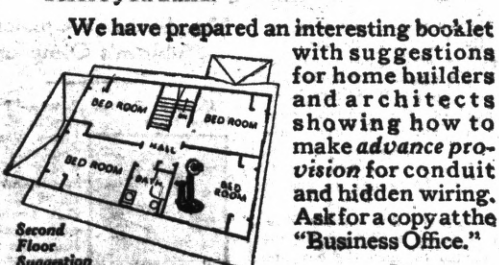
San Rafael, Nov. 23.—The sale of Hotel Rafael has been closed by the payment to the regents of the University of California \$90,000. The money was paid to W. C. Jurgens, president of Hotel Oakland. The hotel came into possession of the university some ten years ago on a mortgage foreclosure. The hotel was destroyed by fire July 29, but the loss was covered by insurance. The hotel was one of the famous early California hostels. Whether the hotel will be rebuilt has not been announced.

The "free turkey" offered may have a string to its leg. "Safety first."

Have at least two telephones

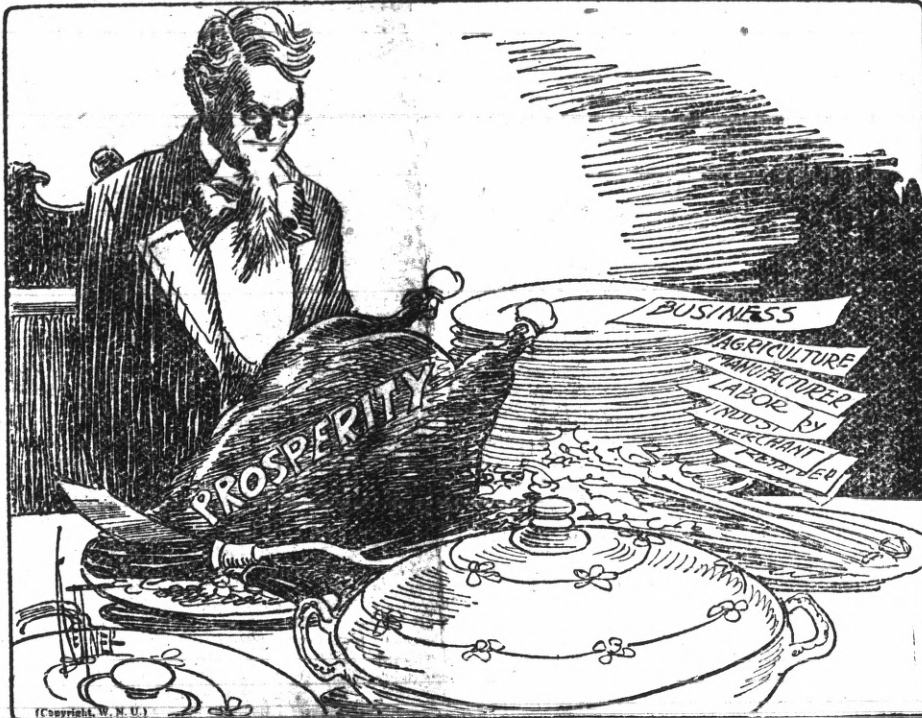
An extension telephone is as much a saver of steps in your home as an additional water tap. And it costs very little.

Extension telephones can be installed after your house is built, but an even better method is to plan for adequate telephones before you build.



THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY

Thanks



San Francisco's Noted Mayor Crosses Divide

San Francisco, Nov. 22.—The death of Eugene B. Schmitz Tuesday ended the career of one of this city's spectacular figures who rose from a fiddler to the chief executive of the city, that of mayor. Schmitz, elected in the famous graft trials of 1907, when he was removed from office. Following the graft trials, Schmitz having been freed on appeal, was made a member of the board of supervisors.

Gasoline Near Pure Flows From Gusher

H. A. Johnston, director elect of the water board, has returned from Coalingo where he witnessed the bringing in of an oil gusher that was almost pure gasoline. The well produced samples which have a gravity of 60.6 or 63% gasoline. The well was down 7000 feet when the gusher was brought in, said Johnston, and 2000 gallons of the fuel is now flowing above what is being piped. The well is the property of Washington, D. C., interests.

Gas Used For Both Heating and Cooling

For several years past, the gas industry has been engaged in research work to determine the feasibility of using gas for cooling as well as heating purposes. It is expected that within a short time the experiments will show practical possibilities of such a combined house heating, cooling and ventilating system.

The forerunner of this is the gas refrigerator, which is already in general use.

By means of gas heat, ammonia within the machine is converted into a gas which is cooled by water and in this expanded, cooled state, readily absorbs heat from the interior of the refrigerator. This heat is then carried off by circulating water.

When a burning gas flame can create either intense heat or ice, and either cool or warm a house, we are indeed living in the age of miracles.

The Auburn-Truckee road is closed and it is impossible for machines to get over the summit, due to heavy rains and snow.

Vaccinated 200 At Health Center

Health Commissioner C. R. Blake assisted by Mrs. Nora Purviance of the health center, vaccinated 200 persons against smallpox and immunized against diphtheria last Saturday at the health center. The clinic will be continued every Saturday.

Hedges Kneeland

The announcement of the marriage of Miss Minnie L. Kneeland to Dr. L. Abbot Hedges, came from Reno Tuesday, where the ceremony took place in the Presbyterian church of that city. The bride is a graduate of the schools of this city and was formerly employed in the office of the Pacific Gas & Electric Co. Dr. Hedges is a native of Kansas, but has been associated with Dr. U. S. Abbott the past two years.

RANDOM COMMENT Things in General

Richmond has no airport, being intensely interested in seaports. It might be a good hint to look into the airport situation. Soon there will be no available land for airport purposes. Airports will be as necessary as seaports or railway terminals in the not far distant future.

The Dr. C. E. Robinson building now being completed at Sixth and Macdonald is an ornament as well as a convenience. It is one of the attractive structures of the avenue, and the store rooms now receiving the finishing touches are modern in all details.

The sum total of human happiness is measured by the degree of helpfulness and unselfishness of the members, individually and collectively, of our community, our state, our nation.

Monterey county has appropriated \$36,000 for construction of a new bridge over Elkhorn Slough on the Salinas-Watsonville road.

The all-year road into Yosemite Valley is the only advisable route at the present time as both the Big Oak Flat and the Wawona roads into the valley have been closed temporarily by heavy rains.

THE TERMINAL can print it for you. Call up Richmond 122.

Road Improvement in California Going Strong

Monterey county is to spend more than \$500,000 in developing a high type highway between Salinas and Monterey. The adopted line runs by way of Hilltown bridge, and while in great part the existing county road will be used, the alignment will be corrected wherever necessary to supply wide curves and easy grades.

To improve and modernize the present county road between Salinas and Watsonville, an appropriation of \$322,600 has been made by Monterey county under plans prepared by the county engineer, Howard F. Cozens.

Reconstruction is well under way on the 7.2 miles of the San Diego to El Centro highway between Vicjas Creek and Guatay Creek. The work consists of constructing a graded road bed 36 feet in width.

Prevention Better Than Cure

A smoldering cigarette butt, a match dropped into a waste paper basket, an iron left heating on the board, a discarded pile of dirty, greasy rubbish, or endless other such petty risks caused by carelessness, may be the means of transforming a home or factory or office building into a smoking ruin.

A large majority of homes have fire hazards that can be removed with a small amount of work or at slight cost. Poor wiring, carelessly handled heating and electrical devices and collections of rubbish are among the most common risks and account for many serious conflagrations. The danger lies in these everyday risks being overlooked or disregarded.

Fire is practically entirely preventable. Authoritative estimates state that 80 per cent of all fires result from carelessness or ignorance. With a little caution and understanding of possible hazards, homes and buildings can be protected. Preventing fire is better than trying to repair damage.

E. D. McCutcheon, proprietor of the Palace Lunch, 816 Sixth street, was called to Monterey yesterday on account of the death of his brother-in-law.

Lace From Century Plant The women of Fayal, in the Azores, make beautiful lace from the fiber of leaves of the century plant.

Pay as You Go Plan Eliminates the Interest

Big Game Crowd to Be Handled Without Congestion

The Key System has made extensive arrangements to handle the big football crowd tomorrow. It is estimated that 85,000 will attend. To handle this number will require expert transportation managers. The Key is fully equipped and prepared to render the service.

New American Legion Building to Be Dedicated

San Francisco, Nov. 23.—World war veterans of Ripon, San Joaquin county, will dedicate their new \$25,000 American Legion building November 20th, according to plans made by Commander John J. Tener of Ripon legionnaires. Officials of the state department of the Legion will be present to assist in the dedicatory ceremonies.

Life Diplomas Given Teachers

At a recent meeting of the county board of education two Richmond teachers were presented with life diplomas. They are Mrs. Rosa Lee Osborne, Harding school, and Miss Carroll Frederick, civics instructor, Richmond Union high.

Sanford Gets Contract

P. M. Sanford, Richmond contractor, has been awarded the contract for enclosing the south end and west side of Wharf No. 2 on Richmond inner harbor. Sanford offered to do the work for \$1060, which was the lowest of five bids. Other bidders were B. L. Spurr, \$1090; Tandy & Theis, \$1242; Carl Overaa, \$1360; Wallace Saelgrove, \$1489.

THE TERMINAL, oldest newspaper in Richmond.

Bonded Indebtedness Growing to Huge Proportions

The Chamber of Commerce of the United States, as a part of its campaign to bring about a more systematic spending and raising of public funds, advises American cities to adopt the pay-as-you-go plan, instead of incurring debts. Expenditures of money by local units of government, for current as well as capital purposes, amounted to nearly \$6,000,000,000 in 1925, as compared to less than \$2,000,000,000 in 1913, according to the chamber. The bonded indebtedness increased over four times in the 12 year period. And while statistics are not yet available for 1926 and 1927, it is believed that the bonded indebtedness of local governments amounted to about \$10,000,000,000 at the end of the latter year.

As the chamber of commerce points out, the pay-as-you-go system has more benefits than the avoidance of interest payments and the consequent smaller cost of governmental operation. Both officials and taxpayers would be more careful about acquiring unnecessary improvements, if their cost had to be paid immediately. It would lead to generally better business and economy in government. Our huge and growing indebtedness and the high taxes that are in effect to most communities, are becoming a severe burden, both from the standpoint of industry and the individual. They are outstanding problems of the times that must be settled wisely and with governmental and economic understanding.

As a result of the success of its \$2,000,000 good roads bond issue, Monterey county is now preparing plans for improving the highway on the west side of Salinas River between Salinas and Soledad.



25% of our school children have defective eyesight—caused, chiefly, by poor lighting

What are you doing to correct this condition in your home?

Most homes have beautiful lamps, but they give poor light.

The best lighting is that which is nearest to ordinary daylight—sufficient light without glare, evenly distributed throughout the room.

The lamp illustrated here meets these requirements. It doesn't hurt the eyes. It improves the colors of furniture and draperies. Friends love to linger in the soft, complimentary light.

The lamps (both floor and table) have an opal glass reflector under the shade that diffuses the light. They come with a selection of silk and parchment shades. But you can never know how it improves vision and the appearance of the room until you try one. We'll gladly loan you one for a trial. Phone or drop us a card. A modern ceiling unit is also illustrated here.

PACIFIC GAS AND ELECTRIC COMPANY P. G. & E. General Offices, San Francisco, California

147-1126

What Will you do



When your Children Cry for It

There is hardly a household that hasn't heard of Castoria! At least five million homes are never without it. If there are children in your family, there's almost daily need of its comfort. And any night you find your baby crying, there's a bottle in the house. Just a few drops, and that colic or constipation is relieved; or diarrhea checked. A vegetable product; a baby remedy meant for young folks. Castoria is about the only thing you have ever heard doctors advise giving to infants. Stronger medicines are dangerous to a tiny baby, however harmless they may be to grown-ups. Good old Castoria! Remember the name, and remember to buy it. It may spare you a sleepless, anxious night. It is always ready, always safe to use; in emergencies, or for everyday ailments. Any hour of the day or night that Baby becomes fretful, or restless, Castoria is never more popular with mothers than it is today. Every druggist has it.

Fletcher's CASTORIA

Trees and Prosperity of Nation Are Linked

The economic structure upon which our nation is built is made of forest products, writes Charles Lathrop Pack in the *Military Engineer*. Just as wooden railroad ties marked the westward advance of civilization, so other products of the forests have made peace with national growth, and kept it possible. When we had to have more houses, down came the trees. We had to have more barns, schools and churches, down came the trees. We had to have farm implements, and wood for fuel, down came more trees. Coal was found and, strange as it may seem, there was a great demand for wood because it must be used in mining coal.

The annals of our country have been written across the pages of history because of trees, and the time has come to give thought to what the history of the day will write about it 100 years from now. Every step of our onward march has been made possible because, and by means, of trees.

Worth Knowing When Winter Cold Comes!

Did you ever hear of a five-hour remedy for colds? There is one, and it really does bring you out of it completely. Even if it's gripe, this method works, only takes hours. Pape's Cold Compound is in tablet form. Pleasant-tasting, but it surely has the "authority" of an A.D.V.

Hot at Greenland Ranch.

In Death valley there is an artificial oasis, produced by irrigation. It is called Furnace Creek ranch, says Nature Magazine. Formerly it was called Greenland ranch, and the little government weather station established here some years ago is still known under the old name. On July 10, 1913, the official thermometer at Greenland ranch registered a shade temperature of 134 degrees Fahrenheit.

Absent Minded Again.

Professor's Wife—Good gracious, John, you've put the hot-water bottle in baby's cot. Where's the baby? Professor (in bed)—Hang it! I was wondering why the hot-water bottle wouldn't keep still.—Answers.

A cunning minority often beats an overconfident majority.

BETTER WAYS TO Clean

Write to the Pacific Coast Borax Co., Dept. 2, 100 William Street, New York City, for a copy of "Better Ways to Wash and Clean."

20 MULE TEAM BORAX

KREMOLA SKIN BLEACH

Golden State News of Interest to All

A warning to the public against promiscuous cutting of Christmas trees on any mountain land without first securing the consent of the owner was issued a few days ago by State Forester M. B. Pratt. A campaign against trespassers is now being prepared, Pratt said. The department will have a special force of men at work to see that the law is enforced, Pratt said.

Though the state administration probably will not sponsor aviation legislation of its own this winter, it will favor enactment of a strong regulatory law, Alexander R. Heron, state director of finance, indicated recently. Heron said he personally favored licensing of planes, air fields, flying schools and pilots.

Out of every twelve of the 6000 children cared for in state institutions one is a whole orphan, with neither father nor mother; five are half-orphan and six have both parents living, the Department of Social Welfare reported last week. Seven out of twelve were entered by their parents, three were placed through the juvenile court, one through a social agency and one by relatives or friends. The average length of time children remain in the orphanages is less than two years.

Telling of the work done by the various committees of the California State Development Association, and outlining valuable statistics, a series of committee reports were made public by the organization recently. Forest fires on national reserves in California during 1928 burned over 681,918 acres and cost \$689,889 to suppress, according to the report of the conservation committee of the association. Edward W. Murphy, chairman of the conservation committee, declared there were 1467 fires in the national forest, and in the entire state there was a total of 2000 fires, destroying a million acres and costing \$1,000,000 to check.

Labor law amendments under which the eight hour working day for women would be made to apply to all female state employees are to be introduced at the January session of the Legislature. Will J. French, state director of industrial relations, so advised Governor Young and his cabinet last week, declaring that private interests are now making investigations looking toward introduction of the measure.

California's busy job has been securing jobs for the jobless, a total of 17,888 jobs being found during the past month, according to the State Department of Industrial Relations. About five men to one woman are looking for work, labor statistics show. The positions filled during October indicate 14,495 men were procured employment, while only 3363 women were found jobs. Los Angeles led in placement, with 6318 men and women, San Francisco following, with 3318, and Oakland third, with 2482.

Legislative battle lines on the question of California's "gin-marriage" law already are being formed, with the prospect of a drive for its repeal at the winter session. Fred B. Wood, State legislative counsel, announced last week that he is framing a repeal measure at the request of Assemblyman H. E. Dillinger of Placerville. And Senator-elect George W. Rochester of Los Angeles, author of the "gin-marriage" statute while a member of the 1927 Assembly, is expected to wage a stiff fight for its retention.

With the arrest of Cal Young, P. Reed, William Coleman and Eugene Lytle, State, Federal and county authorities last week expressed belief they have checked counterfeiting operations in this State in which spurts \$10 and \$20 bills have been circulated. The four men were apprehended during a raid on a North Sacramento residence where an alleged counterfeit die, links and other paraphernalia were confiscated. The announcement said grand jury indictments will be sought.

Canned sardine exports from San Francisco during the nine month period this year ending October 1, were 342,195 pounds greater than the same period last year, but California canners received less for their pack, a department of commerce bulletin announced. Figures announced were: 1927, 26,120,895 pounds worth \$2,330,063, and 1928, 26,462,080 pounds worth \$2,204,835. The drop in price is attributed to intense foreign competition and to the fact that for the first time in several years the supply of California sardines during this period exceeded the demand.

Governor Young doesn't like careless, wild, inefficient automobile drivers. And he and Alexander R. Heron have outlined a complete and comprehensive plan which they believe will do much to curb the present evils due in part to reckless or inexperienced operators of automobiles. It is a program that will take about two years to complete, the governor said last week, but at the end of that period every person who ought to undergo an examination before a license to drive is issued will have a thorough test.

Defeat of the grade crossing measure at the recent election will not hinder in the least the state's grade separation work, Bert B. Meek, director of the State Board of Public Works, has declared. Meek said that moneys derived from the gasoline tax will continue to cover the state's program of grade separation.

William John Cooper, State superintendent of public instruction and one of the outstanding sponsors of Proposition No. 6, the defeated educational reorganization measure on the recent election ballot, may resign following the next Legislative session, according to reports current in political circles.

Because of the so-called "silent verdict" used in California murder cases, Folsom Prison's six Thanksgiving Day rioters were sentenced to the gallows on the vote of a juror who had "conscientious opinions" on the subject of capital punishment. That claim was made by J. J. Henderson, chief counsel for the six condemned convicts, in their final appeal before the State Supreme Court a few days ago.

A gain of 63,399 motor vehicles in the first nine months of the year in California over the same period of 1927 was revealed in figures made public recently by the State Division of Motor Vehicles. The registration for the first nine months of 1928 was 1,800,552, as against 1,736,795 for the same period of 1927. A total of 1,542,848 pleasure passenger cars were registered for the nine months; 176,216 pneumatic tired trucks; 35,941 solid tired trucks; 9130 motorcycles, and 26,059 trailers.

Ten million population with proportionate increase of industrial, commercial and agricultural activity by 1935. According to the California Development Association, this is a conservative estimate of California development during the next seven years. Preparing for this greater California with doubled population the association started a few days ago an education and membership campaign to continue to November 29.

California babies are worth \$23.70 a pound. "The baby crop" weighed 112½ tons for the first five months of this year and had a value of \$5,325,500. This unique "crop report" was compiled last week by L. E. Ross, chief of the State Bureau of Vital Statistics, and indicated that California's births for 1928 will exceed those of last year. The five months on which comparative statistics are now available show arrival of 24,621 infants in 1928, and only 33,962 for the same period in 1927.

Things are being moved around a bit at the State Capitol these days. The former State Library quarters are being remodeled for occupancy by the controller and purchasing agent some time this month. Offices of the Attorney-General and Appellate Court have been moved into the new library building and the Adjutant-General, whose offices are in a downtown building, is to occupy these quarters before the month is out. The post-office at the Capitol also is to have new rooms.

California will lead all the other states of the Union in her extensive park program made possible by the ratification of the \$6,000,000 park bonds, State Forester M. B. Pratt declared a few days ago. Pratt predicts that other states will follow California's splendid example in protecting her beauty spots as playgrounds of the future. Exceedingly pleased that the people approved of the bonds, the state forester said: "This fund makes possible the acquisition of many national scenic wonders which it would be difficult to secure at a later period. The state now is all set for a wide expansion of its state park system, the \$6,000,000 being matched by a like amount of private donations, an expansion which will pay huge dividends in the way of increased health and happiness."

With courts co-operating in commitment of "dope" victims, the number of patients at the new State Narcotic Hospital has increased from ten to thirty-five during the last month, Earl E. Jensen, director of institutions, reported to Governor Young recently. Facilities are now available for only 150 additional patients, Jensen said. Several persons sent to the institution have escaped, however, he reported, and judges will be asked to exercise discretion in future commitments of narcotic addicts who are also desperate criminals.

With the total of 14,747 deer already reported killed during the season that closed on October 15, it is expected the number brought down by the hunters' guns will exceed 19,000 when all figures are assembled. Fred G. Stevenot, head of the state department of natural resources, said last week. Stevenot declared deer are plentiful in California and are increasing in number.

Refrigerating facilities are to be installed in two more vessels of the Kerr line between San Francisco and the Orient to accommodate 800-ton cargoes of fruits and other perishables. The announcement is made by H. S. Scott, president of the General Steamship Corporation, which is operating agent for the fleet of four motorships now on the run. The new ships, the Silverash and the Silverbeech, have been promised for the coming season. They will make possible a sailing every twenty-three days from San Francisco, Scott said.

GOEBEL SECOND TO LINDY AS AIR IDOL

Less Modest Than Colonel, but Great Flyer.

New York.—Two years ago a broad-shouldered young man with crinkly lines of humor beneath his eyes swayed into the New York office of a prominent moving-picture concern.

"I'm a stunt aviator," he announced brusquely. "Out of a job. Almost broke. Living in a Brooklyn Heights furnished room at present. What would you think of a loop-the-loop under the Brooklyn bridge?"

"Why, it's suicide, man," he was told. "You must be crazy."

The young man, who was barely six feet tall and who looked about thirty years old, threw back his head and laughed. "Suicide, nothing," he said. "How much am I offered?"

The officials consulted. A loop-the-loop between the East river and the struts of Brooklyn bridge seemed impossible. However, it would be a wonderful picture. Finally it was decided to offer the daring aviator \$25.

Left in Disguist.

The offer was duly made and the young man left in disgust. His hopes were in shreds. He had dreamed of earning enough by perilous stunting here to purchase a plane of his own, then to fly to Paris and do similar stunts about the staid old Eiffel tower there.

This seemed the end. He went back to Brooklyn and then down to Currituck field. A month later he was back on the Pacific coast, the home of his boyhood. He had got there by "bumming rides" with west-bound pilots whom he could persuade to carry him free for short distances.

Of course this all happened six months before Charles A. Lindbergh shook the country from its aviation coma by his picturesque flight to Paris.

Today, Art Goebel is the aviator most talked of next to Lindbergh. Self-assured as he was when he wanted to loop-the-loop under the Brooklyn bridge, he is a different type of hero from Lindbergh.

Even yet the public is slow to appreciate the value of the cross-country records made recently by Goebel. When it does it may enquire him along with Lindbergh, though of course it will never allow him to displace Lindbergh.

It was Goebel who spanned the continent in the first west to east non-stop flight recently. His plane made the 2,710 miles in 18 hours and 58 minutes.

Had Adventurous Youth.

Goebel's career shows only superficial similarities to that of Lindbergh. He had an adventurous youth, rebelling against milking cows on his father's farm in Rocky Ford, Colo., in favor of tinkering with gasoline motors in the garages of Main street. He enlisted in the army in 1918 and had a varied stunting experience before fame came to his door.

When the pineapple magnate, J. D. Dole, back in August, 1927, offered \$35,000 in prizes for a 2,400-mile flight from San Francisco to Honolulu, Goebel pawned or sold nearly everything he possessed in order to get ready the Travel Air monoplane, the Woolaroc, which interestingly enough was in plan for "good luck." Previously Goebel had been stunting before Hollywood's cameras.

Goebel's victory made him internationally known. Almost overnight he became a colossal figure, previously he had had no military title. Then came a "good will" trip to the Orient for Goebel. Immediately there comes to mind the 1,300-mile tour of South America and Central America which Lindbergh made in the Spirit of St. Louis. Goebel's flight was less productive of international good will. He toured Japan in the interest of an airplane company.

There are many differences between Goebel and Lindbergh. For instance, the former was more of an instrument flyer than the latter. When Lindbergh made his Paris trip he did not know much about the science of navigation. It is a recognized fact that he was taught this science by army flyers after his return. Goebel, on the other hand, was always an instrument flyer and an excellent navigator.

Vatican Workers Try to Bolster Up Tower

Rome.—Workers of the Vatican are busy saving from collapse one of Rome's historic Christian battlements, the eleven-century-old tower built by Pope Leo IV for the protection of the Vatican Basilica against the Saracen invasions of the Ninth century.

TUNNEL SAFETY TESTS EXPLAINED

Experiments With Humans Forecast Dangers.

New York.—How modern tunnels for vehicles under rivers, such as the Holland tunnel under the Hudson, have been made possible by means of experiments on animals and experiments in which full-sized autos were driven through a small experimental tunnel, is revealed in a report to the Engineering Foundation here by A. C. Fieldner, chief engineer of the experimental station division of the United States bureau of mines.

When the Holland tunnel was first proposed, says Mr. Fieldner, many engineers thought that it would be impossible to ventilate. The amount of poisonous carbon monoxide given off in the exhaust was thought to be so great that it could not be carried away.

Experiments made by Prof. Yandell Henderson at Yale university showed that as much carbon monoxide in the air as four parts in 10,000 would not be harmful if the exposure did not exceed an hour.

The first experiments were made on animals, then Professor Henderson and his students tried it on themselves.

Then an experimental tunnel was built at the experimental mine of the bureau of mines near Pittsburgh. This was 9 feet wide, 8 feet high and 400 feet long. Above the ceiling was an air duct three feet high and below the floor was one two and one-half feet high. Either could be used for introducing fresh air or for exhausting contaminated air.

Small automobiles were driven back and forth through the tunnel at a speed of ten miles an hour and at 40-foot intervals. Tests were made with various methods of removing and admitting the air, and examinations of the drivers by blood tests were made before and after.

It was found that the most efficient method of ventilating was to admit the fresh air at the bottom and to remove it at the top.

Another safety device developed by the bureau of mines in use in the Holland tunnel is an automatic carbon monoxide recording machine, which rings a bell and flashes a danger light when the gas becomes more concentrated than "our parts in 10,000. Then immediate steps can be taken to increase the circulation of air.

Ideal Beau Must Have Job, Say Atlanta Debs

Atlanta, Ga.—A serious-minded man who sends flowers, who does not dance with his eyes closed, a man who has a job, a sense of humor and an automobile, makes the most desirable beau, say members of this year's debutante club here.

"Of course," said one of the society misses by way of amendment, "a car isn't absolutely necessary, but it helps a lot."

But all insisted the man must have a job, and a good job at that. None of this "two can live as cheaply as one" palaver for them. Didn't they know girls who had tried it?

Ideals of the men were not discussed by the debs. "You have to fit the ideals to the man," said one.

Locating Fire in Ship Real Task for Experts

New Orleans, La.—One of the hardest jobs for a water-going fire department is finding the fire, says John J. G. Pasley, fire captain of the fire tug Deluge, guardian of New Orleans harbor.

"When a building is burning you can see where and how it is burning. When a ship is afire, however, it's not so easy. It may be afire in any one of 100 places. Generally, though, you can find the fire by searching for the hottest place on the deck. But even after you have done this, your work has just started, because then you have to learn the construction of the ship, the arrangements of bulkheads and hatches, and learn the nature of the cargo."

The Deluge, the captain says, answers about four calls a month in addition to emergency tasks of various kinds.

Fever Is Produced by Radio Alternation

Albany, N. Y.—Artificial fever, caused by radio, without any accompanying illness, is under study here.

The phenomenon was discovered when a bystander near a short wave radio antenna noted a 22 degree rise in his mouth temperature in 15 minutes. The radio was discharging from a six-foot rod to ground with 60,000,000 alternations per second of 15,000 volts.

DECLARE "WORN OUT" SOIL IDEA IS WRONG

English Experts Cite 86th Crop on One Plot.

Washington.—Thirty million acres of idle crop land, much of it abandoned on the theory that it is "worn out," some day will be brought back into active production, soil scientists say. It is their contention, land does not wear out, and that with intelligent management, a field may be seeded to the same crop each consecutive year indefinitely without diminishing the yield.

The most notable example is recorded at Rothamsted experiment station in England, where the 86th consecutive crop of wheat was produced this year on the same land.

The average yield for the entire period has been 35 bushels to the acre, maintained, officials say, by returning to the soil the same elements of plant food in the same quantity they were taken up by each crop.

Began in 1843.

The experiment, oldest of its kind in the world, was started in 1843, when the station was founded by Sir John Lawes, the originator of commercial fertilizer. England had an exceptionally good growing season this year, and the wheat at Rothamsted stood shoulder high at cutting.

Of more significance to American agriculture, the 45th consecutive crop of wheat on the same land was produced this year at Pennsylvania State college. To the United States what the Rothamsted test is to England the Pennsylvania is the oldest in this country.

Like Rothamsted, it is considered to prove that high yields can be maintained by intelligent use of plant food and good farming practice. Wheat there averaged 23 bushels to the acre, as against 12 bushels to the acre on a neighboring plot, grown with no attention to soil requirements.

In the various phases of soil fertility and conservation Europe is the treasure house of the centuries. It has shown the way, on soils that have been under cultivation for more than 2,000 years, to the upbuilding of a superior fertility as indicated by crop yields far surpassing those of the practically virgin land in this country.

Soil is not allowed to "wear out" in Europe, where the needs of the population are pressing agriculture production to the limit. The population here, economists say, has not caught up with farm production, a situation blamed for much of the tendency to abandon land when its fertility has been mined and yields grow short.

Map 7,500 Square Miles of Unknown Alaska

Washington.—More than 7,500 square miles of hitherto unexplored or little-known Alaska territory, namely in the southeastern regions, were mapped this last summer by geologists and engineers of the United States geological survey, according to Dr. Philip Smith, chief of the Alaska branch of the survey, who has just returned to Washington.

Doctor Smith explained that while only about 40 per cent of the vast Alaska territory is surveyed properly at the present time, there being several hundred thousand square miles yet to be mapped geologically and topographically in the north-central and southwestern regions, nevertheless the major districts with respect to mineral, fur and trade importance are now well known to science.

One of the survey parties, Doctor Smith said, completed a thorough topographic map survey of the Kenai-Kanai district, which shows strong indications of revealing important mineral deposits. Under P. H. Sargent, topographic engineer, the government experts covered some 1,500 miles of territory which had been surveyed by navy planes two years ago, but which never before had been properly mapped.

Mummy Turns Out to Be Just an Old Dummy

Hackensack, N. J.—The prize exhibit of the Bergen County Historical society for the last 26 years has been the mummy of an Egyptian princess reposing in the museum occupying the top floor of the public library here. Thousands of the curious have gaped at it. School children have been led on exhibitions to view it, civic authorities have included it in leaflets listing the things to see in Hackensack.

Impelled by some unknowable influence, Mrs. Frances A. Westervelt, the curator, decided to open the box and remove the glass.

The mummy, Mrs. Westervelt discovered, was a dummy. The body was stuffed with rags. It had feet but no legs, and the feet were not mated. It had one hand but no wrist. The head was empty, and there were holes where the eyes, mouth and nose are supposed to be.

NO MAN Can Be Better Than His Stomach

DO YOU realize that your stomach plays a most important part in the success of your work? If it is always serene and regular, your head is clear, your vitality is increased, and your disposition is pleasant; but if your digestion is poor, you are liable to have frequent headache, you lack energy, and you are soured on the world! How needless to suffer in this way when P.E.-RU-NA offers speedy, soothing relief, and keeps your stomach in a healthful condition.

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Hot and Sarcastic.

"The retort sarcastic." Senator Peter Norbeck was discussing the Teapot Dome case at a Red-field reception.

"Yes," he said, "that was a very good example of the retort sarcastic on the part of the defendant." "It reminds me of a little man who waited patiently about an hour one day in a dark, hot telephone booth. Finally a girl attendant said to him: 'Are you waiting for a number?' 'Oh, no,' said he. 'I just stepped in here to develop a photograph.'"

An Easy Way to Wash

An interesting and helpful booklet, "Better Ways to Wash and Clean" shows how 20 Mule Team Borax can aid in housework. Write to Pacific Coast Borax Co., Dept. 8, 100 William St., New York for free copy.—Adv.

Phone Message Recorded.

The use of the telephone in giving orders and directions in industrial establishments has, in many cases, been discouraged, for, in case of mistake, it always leaves open a question of veracity and one which cannot well be settled. If it is desirable to place the responsibility, this has been overcome recently by the invention of a wax disk recorder attached to the instrument, which makes a permanent record of all the conversations which take place.

National Mottoes.

The English translations of the mottoes of Germany, Holland and Belgium are Germany—God with us; The Netherlands—I will maintain; Belgium—Union makes strength.

"AS NECESSARY AS BREAD"

Mrs. Skahan's Opinion of Pinkham's Compound

Saugus Centre, Mass.—"I have taken 10 bottles of Lydia E. Pinkham's Vegetable Compound, and would not be without a bottle in the house than I would be without bread."

"I was suffering from a nervous condition, and I used to be so cross with my husband when I was suffering that I don't know how he stood me. Now I am cheerful and strong and feel younger than I did ten years ago when my troubles began." Mrs. J. M. Skahan, 28 Essex St., Saugus Centre, Mass.

how he stood me. Now I am cheerful and strong and feel younger than I did ten years ago when my troubles began." Mrs. J. M. Skahan, 28 Essex St., Saugus Centre, Mass.

WORK OF VOLUNTEERS RED CROSS BACKBONE

Men and Women Who Give Services Aid Greatly — Surgical Dressings, Knitting, Sewing Still Carried On.

Thousands of women, who were first enrolled as Red Cross workers during the period of the World War, have never ceased in their labors for that organization, but still carry on knitting garments for disabled soldiers, making dresses and layettes for children and infants, and giving hours of their time in the various volunteer activities of Red Cross work. Volunteer work by men also

plays a large part in the organization of Red Cross. This volunteer work is the backbone of Red Cross. Fully eighty-five per cent of the service this humanitarian organization is able to render the public, through public health, American Junior Red Cross, service to disabled veterans of the World War, and the service men of the regular establishment, and its many other activities, must fall upon the shoulder of the volunteer worker. Not only is this true of the national headquarters where such distinguished volunteers are enrolled as Judge John Barton Payne, chairman, and Miss Mabel Boardman, secretary of the Red Cross, and Col. E. P. Bicknell, vice chairman in charge of foreign operations, but also in every community where Chapter chairmen and other men and women devote hours of their time to fostering and planning the

Labor Head Asks Nation's Workers to Support Red Cross

William Green, president of the American Federation of Labor, in Washington, calls upon the workers of the nation to support the twelfth annual roll call of the American Red Cross, November 11-29, in the following statement:

"Through the American Red Cross we find expression for some of our noblest ideals. It is an effective instrument for magnifying many times our personal service to humanity.

"In the face of great disasters, when the injured and homeless run into the thousands, there is little we can do individually. Consolidating our strength through membership in this great organization, our opportunity for service is unlimited.

We must not forget that every day is a day of disaster to thousands. Into homes where disaster strikes your Red Cross goes in your name to be friend and counselor to those upon whom misfortune has laid her heavy hand.

"As President of the American Federation of Labor, I hope and feel confident that the workers of the nation will respond to the Red Cross Roll Call and have a part in this organization's great work."

(Signed)
WILLIAM GREEN,
President
American Federation of Labor.

Red Cross Membership Is Sound Investment, Business Leader Says

"We believe that individual membership in the American Red Cross is a sound investment, yielding the investor tremendous returns in personal satisfaction," is the statement of William Butterworth, president of the Chamber of Commerce of the United States, in endorsing the twelfth annual roll call of the American Red Cross, Nov. 11-29. Mr. Butterworth's statement follows:

"The men engaged in carrying forward the business and industry of this nation are quick to respond, and respond generously, when human suffering calls for their assistance. They welcome the existence of an organization authorized by international treaty and congressional charter to act as their agency, and the agency of all the people, in providing relief in disaster and promoting their beneficial services to humanity. The nation's business men take particular pleasure in supporting the American National Red Cross because it has applied sound and efficient business technique and administrative methods without sacrifice of sympathy and understanding in the prevention and mitigation of human suffering.

"The Chamber of Commerce of the United States, as representative of the nation's business, has such confidence in the American Red Cross that it calls upon its member organizations to contribute to relief in disaster only upon Red Cross assurance that an appeal is necessary.

"We believe that individual membership in the American Red Cross is a sound investment, yielding the investor tremendous returns in personal satisfaction. The Red Cross is seeking to increase its membership to five million; the opportunity to join its ranks is presented by the Red Cross Chapters throughout the nation from November 11 to 29. It is good to be a link in this great chain of service reaching around the world."

(Signed)
WILLIAM BUTTERWORTH,
President
The Chamber of Commerce
of the United States.

Fifty nations fly the Red Cross flag. For all it carries the symbolic meaning of help in time of distress; of health preservation; disease prevention; and international co-operation in humane effort, which recognizes no frontier, no difference in language, but only merciful help for all men.

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FRIDAY, NOVEMBER 23, 1928

Automotive Notes

It is estimated that every 40 seconds of the day someone in the United States is injured in an automobile accident.

The last storm in the mountains left a foot of snow in the Lake Tahoe region, making it inadvisable for machines to attempt to get around the lake.

A new type of internal combustion engine, using pulverized coal instead of gasoline, has just been completed by a German Pole, Rudolph Pawlikowski, says the National automobile club.

A direct highway connection between the central part of the San Joaquin Valley and the coast is now assured under the recent \$2,000,000 highway bond issue passed by Monterey county.

Porto Rico and Florida Victims Helped by Prompt Action; \$5,000,000 Given by Public.

One of the greatest disasters, in point of loss of life and devastation of homes, in which the American Red Cross has ever carried relief was the West Indies hurricane of September last, which swept across Porto Rico, parts of the Virgin Islands, the coast of Florida and north to end in torrential rains, flooding streams in a half dozen states. The known dead in all of the areas affected was 2,259, although it was admitted that the complete total of dead in Florida would never be known. The number of injured was estimated at 3,176. Approximately 20,000 buildings were destroyed and damaged.

At the height of the emergency the Red Cross was caring for 508,410 people—that is, feeding and clothing them and arranging for whatever shelter was obtainable. As long as three weeks after the hurricane struck Porto Rico and Florida, the Red Cross was aiding 20,235 people who were sick, of these 236 in Florida and the remainder in Porto Rico, where influenza and malaria were being treated to prevent epidemics of more drastic diseases. Large numbers of Red Cross nurses were active at both points.

In Florida more than 11,000 persons applied to Red Cross for assistance, and a great number of people in Florida and also in Porto Rico still were being cared for in the matter of food, clothing and shelter as long as two months after the hurricane, while they awaited maturing crops which would enable them to again become self-sustaining.

For this relief task, the American public gave the American Red Cross a fund of \$5,000,000—the sum set forth in a proclamation issued by President Coolidge a few days after news of the hurricane was received. The relief given by the Red Cross in this great emergency, spread over such a wide territory of sea and land, was everywhere commended and especial emphasis was placed upon the promptness with which the organization responded. The hurricane struck Porto Rico September 12, and the first brief cable word of it came September 14, to both Red Cross and the news agencies. Before midnight, the national director of disaster relief for the Red Cross and a staff of four trained men had left Washington for Charleston, South Carolina, to board a navy destroyer which upon instruction of the President of the United States had been placed at command of the Red Cross by the Secretary of the Navy. And although the next day was Sunday, a Red Cross man arrived in New York to purchase a thousand tons of food for the Porto Ricans, already reported to be starving, and the Navy again placed a ship for the cargo at Red Cross command.

Late on Saturday evening there came another cable—a Red Cross nurse at St. Croix, in the Virgin Islands, addressed a plea to the mother organization in Washington and gave first warning of the plight of the people of the American possession, where no family in a population of 11,000 had escaped injury.

In the meantime the Red Cross had notified its Florida Chapters that it stood ready for any service, in event the hurricane, headed toward them, did any damage. Not content with this, the Red Cross on Sunday night entrained a disaster relief director and six workers for Florida.

Money, food, clothing were dispatched immediately to both points, and before the end of the week the

Four Nation-wide Services Promote Health Preservation and Accident Prevention.

A nation-wide program for preservation of health and prevention of accidental death is one of the great services of the American Red Cross Four bureaus, manned by experts, direct this work. They are the Public Health Nursing Service; the First Aid and Life Saving Service; the Home Hygiene and Care of the Sick Service, and the Nutrition Service.

These services aim at preservation of health through skilled nursing care; prevention of loss of life in accidents; prevention of illness, through cleanliness in the home and knowledge of methods of care of the sick; and raising the standard of physical efficiency through proper eating.

This nation-wide campaign against disease and accidental death is conducted through a majority of the 2,532 Chapters of the Red Cross. It is a community campaign, aimed to the health problems of each section.

The Red Cross, through its Chapters, is the largest employer of trained Public Health nurses in rural work in the United States. In its campaign for preservation of health and prevention of disease it has aided in establishing 2,000 or more community nursing services.

At the national headquarters an enrollment of nurses is maintained, which forms a great nursing reserve. Under its Charter from Congress this Red Cross Nursing Service is the official reserve for the United States Army and Navy Nurse Corps. In addition, these nurses are available in time of disaster or epidemic. This reserve list of trained nurses has in 1928 reached its peak in number enrolled—there being now 47,000 nurses qualified under Red Cross regulations who may be mobilized in time of emergency.

The comprehensive, nation-wide program of instruction in First Aid and Life Saving maintained by the Red Cross is in answer to the appalling total of accidental deaths each year in the United States.

In its First Aid instruction among firemen and police forces, in factories, railroad centers, great industries, and public utilities, the Red Cross annually reaches more than 100,000 men and women, whom it teaches to be alert, ready in case of accident, to apply first aid treatment.

The campaign against accidental deaths through drowning has been carried throughout the country, and there now are 173,506 men and women, boys and girls, qualified as Red Cross life savers.

More than 500,000 certificates have been issued to girls and women, boys and men who have completed the Red Cross Home Hygiene and Care of the Sick course, which teaches sanitation in the home, safe care of the infant and child and of the invalid in the home.

Food for Birds Kept in Natural Storage

An English ornithologist found his way into the heart of the Cordillera mountains in the valley of the Potomac river, a writer in the Chicago Journal relates. Along the lower part of the river stretched the tundra, a dreary, uninhabited treeless swamp, covered with ice and snow. Nevertheless, he found that this unattractive spot was the summer home of almost half the bird population of the Old world.

The traveler reached the region in early April. Forests and tundra were as devoid of life as the desert of Sahara; but a change was near. Suddenly summer broke over the scene. Innumerable birds of all sizes and colors appeared within 48 hours.

The birds would starve if it were not for one thing. The perpetual snow of the Arctic summers causes plants to bear in wonderful profusion. Each year, when the berries are ripe and before the snow descends upon the tundra; it covers the crop and preserves it in perfect condition. Then comes the spring sun to melt the snow and uncover the bushes, loaded with ripened fruit, and the ground beneath covered with the fallen provender. The berries never decay beneath the snow.

Happier

Every year strips us of at least one vain expectation, and teaches us to reckon some solid good in its stead. I never will believe that our youngest days are our happiest. What miserable agony for the progress of the race and the destination of the individual, if the more mature and enlightened state is the less happy one! . . . All this to prove that we are happier than when we were seven years old, and that we shall be happier when we are forty than we are now, which I call a comfortable doctrine, and one worth trying to believe!—From "The Letters of George Eliot," Selected by R. Brimley Johnson.

Red Cross was feeding a half million people.

This prompt response was made possible by the disaster relief organization the Red Cross has brought together and trained through a series of such national calamities.

Support of this work is through the annual Roll Call for memberships. The goal in the twelfth annual Roll Call to be held Armistice Day to Thanksgiving Day, November 11 to 29, is 5,000,000 members.

SUMMONS

In the Superior Court of the State of California in and for the County of Contra Costa.

No. 14520.
Action brought in the Superior Court of the county of Contra Costa, state of California, and the complaint filed in the office of the clerk of said County of Contra Costa.

Frances Wylie, plaintiff, vs John Robert Wylie, defendant.

The people of the state of California are hereby directed to appear, and answer the complaint in an action entitled as above brought against you in the Superior Court of the county of Contra Costa, state of California, within ten days after the service on you of this summons—if served within this county; or within thirty days if served elsewhere.

And you are hereby notified that unless you appear and answer as above required, the said plaintiff will take judgment against you for any money or damages demanded in the complaint, as arising upon contract or will apply to the Court for any other relief due.

Given under my hand and the seal of the Superior Court of the county of Contra Costa, state of California, this 18th day of September, A.D. 1928.

(SEAL) J. H. WELLS, Clerk.

\$200.00 A. WELLS, Deputy.



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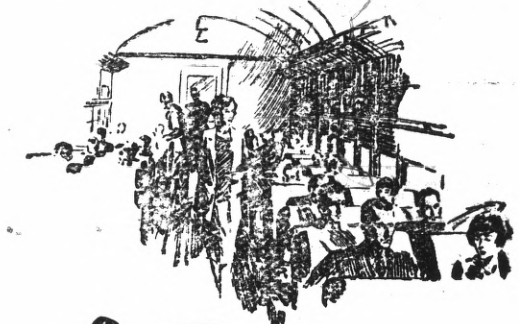
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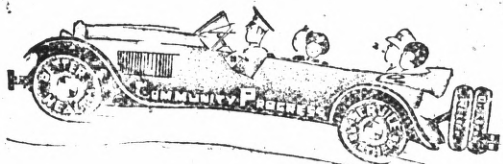
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